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*63 F. Supp. 2d 788, *; 1999 U.S. Dist. LEXIS 13116, **

RELUME CORPORATION, Plaintiff, v. DIALIGHT CORPORATION, ECOLUX, INC., PRECISION SOLAR CONTROLS, INC., LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, and HEWLETT-PACKARD COMPANY, Defendants.

Case No. 98-CV-72360

UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF MICHIGAN, SOUTHERN DIVISION

63 F. Supp. 2d 788; 1999 U.S. Dist. LEXIS 13116

August 26, 1999, Decided
August 26, 1999, Filed

DISPOSITION: **[**1]** Dialight's, Precision's and Lumileds' motions for noninfringement GRANTED on issue of literal noninfringement as to all asserted claims of '645 and '909 patents. Ecolux's motion for noninfringement GRANTED on issue of literal noninfringement as to all asserted claims of '645 patent but DENIED on same issue as to asserted claims of '909 patent. Lumileds' anticipation motion GRANTED as to claim 1 of '645 patent and claims 1-3, 7, 10-12 and 16 of '909 patent but DENIED as to claims 2 and 4 of '645 patent. Lumileds' obviousness motion GRANTED as to claims 2, 4, 5 and 6 of '645 patent and claims 6, 9, 15 and 18 of '909 patent.

CASE SUMMARY

PROCEDURAL POSTURE: Defendants moved for summary judgment regarding patent noninfringement and validity regarding light emitting diode traffic signal technology.

OVERVIEW: Plaintiff corporation sued defendants, corporations, for infringement of patents regarding light emitting diode technology for use in traffic signals. Defendants moved for summary judgment, arguing patent noninfringement and validity. The court granted summary judgment to defendants, corporation one, corporation two, and corporation three, on the issue of noninfringement. The court found that defendants did not literally infringe the patent because limitations set forth in the patent claim were not found exactly in the accused products. The court granted defendant corporation three's anticipation claim as to one patent in question because a voltage-regulating switching power supply was necessarily present and would be recognized by persons of ordinary skill. The court denied summary judgment for defendant corporation three on a second patent because more than one form of switchmode converter existed. Therefore a buck/boost switchmode converter was not necessarily present in the patent.

OUTCOME: Motion for noninfringement by defendants one, two, and three granted because there was no literal infringement of the patent. Anticipation motion by defendant three granted in part and denied in part because defendant failed to show that a buck/boost switchmode converter was necessarily present in the patent.

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SECTION: RFC EXPRESS TM; Recently Filed Patent Cases; Pg. 20

LENGTH: 1851 words

BODY:

98-2343 -- Filed: 980609
A & L TECHNOLOGY
vs.
SIEMENS HEARING INSTRUMENTS
4,396,806

98-20498 -- Filed: 980513
ACCO BRANDS INC.
vs.
COMPU-LOCK INC.
5,502,989

98-794 -- Filed: 980519
ACRES GAMING INC.
vs.
MIKOHN GAMING CORP., ET AL
5,752,882

98-468 -- Filed: 980604
ACUSHNET CO.
vs.
UT GOLF INC. & DYNAMIC PRECISION
385,609; 385,935; 389,207

98-467 -- Filed: 980604
ACUSHNET CO. & COBRA GOLF INC.
vs.
PRO-SELECT INC., ET AL
385,609; 385,935; 389,207

98-3835 -- Filed: 980529
ALAN ABRASKIN
vs.
CALDOR-STORE 75

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Source: **Combined Source Set 15 - Federal Court Cases, Combined**
Terms: **(5661645 or 5,661,645)** (Edit Search | Suggest Terms for My Search)

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1. Relume Corp. v. Dialight Corp., 00-1164, 00-1180, UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT, 4 Fed. Appx. 893; 2001 U.S. App. LEXIS 2045, February 8, 2001, Decided , RULES OF THE FEDERAL CIRCUIT COURT OF APPEALS MAY LIMIT CITATION TO UNPUBLISHED OPINIONS. PLEASE REFER TO THE RULES OF THE UNITED STATES COURT OF APPEALS FOR THIS CIRCUIT. , Rehearing Denied March 6, 2001, Reported at: 2001 U.S. App. LEXIS 4466.

 OVERVIEW: The court affirmed the lower court's holding that petitioner's patents were invalid.

 ... U.S. Patent No. **5,661,645** ("the '645 patent") ...

2. Relume Corp. v. Dialight Corp., Case No. 98-CV-72360, UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF MICHIGAN, SOUTHERN DIVISION, 63 F. Supp. 2d 788; 1999 U.S. Dist. LEXIS 13116, August 26, 1999, Decided , August 26, 1999, Filed

 OVERVIEW: Motion for summary judgment granted on noninfringement claims because limitations set forth in the patent claim were not found exactly in the accused products.

 CORE TERMS: power supply, array, voltage, patent's, output, invention, converter, switching, skill, specification's ...

 ... U.S. Patent No. **5,661,645** ("the '645 patent"). ...

Source: **Combined Source Set 15 - Federal Court Cases, Combined**
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*4 Fed. Appx. 893, *; 2001 U.S. App. LEXIS 2045, **

RELUME CORPORATION, Plaintiff-Appellant, v. DIALIGHT CORPORATION, ECOLUX, INC., and PRECISION SOLAR CONTROLS, INC., Defendants, and LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, and HEWLETT-PACKARD COMPANY, Defendants-Cross Appellants.

00-1164, 00-1180

UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

4 Fed. Appx. 893; 2001 U.S. App. LEXIS 2045

February 8, 2001, Decided

NOTICE: [1]** RULES OF THE FEDERAL CIRCUIT COURT OF APPEALS MAY LIMIT CITATION TO UNPUBLISHED OPINIONS. PLEASE REFER TO THE RULES OF THE UNITED STATES COURT OF APPEALS FOR THIS CIRCUIT.

SUBSEQUENT HISTORY: Rehearing Denied March 6, 2001, Reported at: 2001 U.S. App. LEXIS 4466.

DISPOSITION: Affirmed.

CASE SUMMARY

PROCEDURAL POSTURE: Plaintiff appealed from the summary judgment of the United States District Court for the Eastern District of Michigan, holding that the defendants' accused products did not literally infringe the asserted claims of U.S. Patent No. **5,661,645** or U.S. Patent No. 5,783,909 both assigned to plaintiff, and holding that both patents were invalid.

OVERVIEW: Plaintiff raised several arguments on appeal: (1) whether the district court erred in its interpretation of certain limitations in the patents, (2) whether such errors in claim interpretation led to errors in the district court's analysis of the validity issues, (3) whether disputed issues of material fact preclude summary judgment on the validity issues, and (4) whether alleged errors in claim interpretation or the disputed issues of material fact undercut the district court's judgment of no literal infringement. The instant court agreed with the district court that all of the asserted claims of the patents were invalid, thus they did not reach the questions raised by petitioner as to the judgment of noninfringement.

OUTCOME: The court affirmed the district court's judgment that petitioner's patents were invalid.

JUDGES: Before CLEVENGER, SCHALL, and BRYSON, Circuit Judges.

OPINION BY: CLEVENGER

OPINION

[*894] CLEVENGER, *Circuit Judge*.

Relume Corporation ("Relume") appeals from the summary judgment of the United States District Court for the Eastern District of Michigan, holding that the defendants' accused products do not literally infringe the asserted claims of U.S. Patent No. **5,661,645** ("the '645 patent") or U.S. Patent No. 5,783,909 ("the '909 patent"), both assigned to Relume, and holding that both patents are invalid. *Relume Corp. v. Dialight Corp.*, 63 F. Supp. 2d 788, 802 (E.D. Mich. 1999). We *affirm*.

I

Relume raises several arguments on appeal: (1) whether the district court erred in its interpretation of certain limitations in the patents, (2) whether such errors in claim interpretation led to errors in the court's analysis of the validity issues, (3) whether disputed issues of material fact preclude summary judgment on the validity issues, and (4) whether alleged errors in claim interpretation **[**2]** or the disputed issues of material fact undercut the district court's judgment of no literal infringement.

II

We have fully reviewed the careful, extensive and well-crafted opinion of the district court. We have carefully examined the arguments presented by the parties in their briefs and have considered in full the arguments made by the parties at oral argument.

For the reasons stated in the opinion of the district court, we agree that all of the asserted claims of the '645 and '909 patents are invalid. Because we affirm the district court's judgment on the validity issues, we need not reach the questions raised by Relume as to the judgment of noninfringement.

Source: **Combined Source Set 15 - Federal Court Cases, Combined**
Terms: **(5661645 or 5,661,645)** (Edit Search | Suggest Terms for My Search)
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*63 F. Supp. 2d 788, *; 1999 U.S. Dist. LEXIS 13116, **

RELUME CORPORATION, Plaintiff, v. DIALIGHT CORPORATION, ECOLUX, INC., PRECISION SOLAR CONTROLS, INC., LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, and HEWLETT-PACKARD COMPANY, Defendants.

Case No. 98-CV-72360

UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF MICHIGAN, SOUTHERN DIVISION

63 F. Supp. 2d 788; 1999 U.S. Dist. LEXIS 13116

August 26, 1999, Decided
August 26, 1999, Filed

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2:98cv72360

Relume Corp v. Dialight Corp, et al

This case was retrieved from the court on Tuesday, June 23, 2009

Date Filed: 06/09/1998
Assigned To: District Judge John Feikens
Referred To:
Nature of suit: Patent (830)
Cause:
Lead Docket: None
Other Docket: None
Jurisdiction: Federal Question

Class Code: APPEAL, CLOSED, PATENT, PROTECTIVEORDER, TAC
Closed: Yes
Statute:
Jury Demand: Both
Demand Amount: $75,000
NOS Description: Patent

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Date	#	Proceeding Text
06/09/1998	1	COMPLAINT with jury demand - Receipt # 363017 - Date Fee Received: 6/9/98 (nh) (Entered: 06/11/1998)
06/09/1998	--	REPORT sent to Washington (nh) (Entered: 06/11/1998)
07/14/1998	2	AFFIRMATIVE defenses by defendant Ecolux Inc (kg) (Entered: 07/20/1998)
07/14/1998	2	ANSWER by defendant Ecolux Inc to complaint [1-1] (kg) (Entered: 07/20/1998)
07/14/1998	2	COUNTERCLAIM by defendant Ecolux Inc against plaintiff Relume Corp (kg) (Entered: 07/20/1998)
07/21/1998	3	NOTICE of non-admission of attorney Keith H. Orum with proof of mailing (nh) (Entered: 07/22/1998)
07/28/1998	4	ORDER by Judge John Feikens with stipulation, granting leave to file amended complaint [1-1] with proof of mailing (dh) (Entered: 07/29/1998)
07/29/1998	5	AMENDED complaint (first) by plaintiff Relume Corp adding Lumileds Lighting, Philips Lighting BV, and Hewlett Packard Co with jury demand. (cf) (Entered: 07/30/1998)
08/03/1998	6	PROOF of mailing of stipulated order granting leave to amend complaint, etc.. (cf) (Entered: 08/04/1998)
10/02/1998	7	ANSWER by defendant to amended complaint by Relume Corp [5-1] with proof of mailing (nh) (Entered: 10/02/1998)
10/02/1998	7	AFFIRMATIVE defenses by defendant Ecolux Inc (nh) (Entered: 10/02/1998)
10/02/1998	7	COUNTERCLAIM by defendant Ecolux Inc against plaintiff Relume Corp (nh) (Entered: 10/02/1998)
10/05/1998	8	ANSWER by plaintiff Relume Corp to counter claim by Ecolux Inc [7-1], and counter claim by Ecolux Inc [2-1] with jury demand and proof of mailing (nh) (Entered: 10/07/1998)
10/05/1998	8	AFFIRMATIVE defenses by plaintiff Relume Corp (nh) (Entered: 10/07/1998)
10/22/1998	9	AMENDED answer by counter-defendant Relume Corp to counter claim by Ecolux Inc [7-1]; jury demand with proof of mailing (LS) (Entered: 10/23/1998)
10/22/1998	10	MOTION by Relume Corp for a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI with brief, attachments A-C and proof of mailing (LS) (Entered: 10/23/1998)
10/26/1998	11	MOTION by Relume Corp for preliminary injunction with brief and proof of mailing (dp) (Entered: 10/27/1998)
10/26/1998	12	APPENDIX in support of motion for preliminary injunction by Relume Corp [11-1] (dp) (Entered: 10/27/1998)
10/27/1998	13	APPEARANCE for defendant Dialight Corp of attorneys Jeffrey D. Weisserman and Thomas L. Shaevsky; with proof of mailing (dp) (Entered: 10/28/1998)
10/30/1998	--	SCHEDULE: by Judge John Feikens hearing on motion for preliminary injunction by Relume Corp [11-1] set for 10:00 11/30/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 10:00 11/30/98 , deadline for response to motion for preliminary injunction by Relume Corp [11-1] set for 11/9/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 11/9/98 , deadline for reply to response to motion for preliminary injunction by Relume Corp [11-1] set for 11/20/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 11/20/98 (cc) (Entered: 10/30/1998)
10/30/1998	14	NOTICE of hearing on motion for preliminary injunction by Relume Corp [11-1] and motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume [10-1] and setting deadline for response to motion for preliminary injunction by Relume Corp [11-1], motion a rule 12(c) to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] (lg) (Entered: 11/02/1998)
11/02/1998	15	ANSWER by defendant Hewlett Packard Co to amended complaint by Relume Corp [5-1] (lg) (Entered: 11/03/1998)
11/02/1998	15	AFFIRMATIVE defenses by defendant Hewlett Packard Co (lg) (Entered: 11/03/1998)
11/02/1998	16	ANSWER by defendant Lumileds Lighting to amended complaint by Relume Corp [5-1] (lg) (Entered: 11/03/1998)
11/02/1998	16	AFFIRMATIVE defenses by defendant Lumileds Lighting (lg) (Entered: 11/03/1998)
11/02/1998	17	ANSWER by defendant Philips Lighting BV to amended complaint by Relume Corp [5-1] with proof of mailing

		(lg) (Entered: 11/03/1998)
11/02/1998	17	AFFIRMATIVE defenses by defendant Philips Lighting BV (lg) (Entered: 11/03/1998)
11/02/1998	18	ANSWER by defendant Precision Solar to complaint [1-1] with proof of mailing and jury demand (lg) (Entered: 11/03/1998)
11/02/1998	18	AFFIRMATIVE defenses by defendant Precision Solar (lg) (Entered: 11/03/1998)
11/02/1998	18	COUNTERCLAIM by defendant Precision Solar against plaintiff Relume Corp with jury demand (lg) (Entered: 11/03/1998)
11/02/1998	19	ANSWER by defendant Dialight Corp to complaint [1-1] with proof of mailing (lg) (Entered: 11/03/1998)
11/02/1998	19	AFFIRMATIVE defenses by defendant Dialight Corp (lg) (Entered: 11/03/1998)
11/02/1998	19	COUNTERCLAIM by defendant Dialight Corp against plaintiff Relume Corp (lg) (Entered: 11/03/1998)
11/02/1998	15	COUNTERCLAIM by defendant Hewlett Packard Co against plaintiff Relume Corp (dh) (Entered: 11/24/1998)
11/02/1998	16	COUNTERCLAIM by defendant Lumileds Lighting against plaintiff Relume Corp (dh) (Entered: 11/24/1998)
11/02/1998	17	COUNTERCLAIM by defendant Philips Lighting BV against plaintiff Relume Corp (dh) (Entered: 11/24/1998)
11/04/1998	20	EMERGENCY MOTION by defendant Precision Solar for revised briefing schedule on plaintiff's/counter-defendant's motion for preliminary injunction with brief, notice of hearing, exhibits and proof of mailing (lg) (Entered: 11/06/1998)
11/05/1998	--	SCHEDULE: by Judge John Feikens hearing on motion for preliminary injunction by Relume Corp [11-1] set for 2:00 12/8/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 2:00 12/8/98 , deadline for response to motion for preliminary injunction by Relume Corp [11-1] set for 11/16/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 11/16/98 , deadline for reply to response to motion for preliminary injunction by Relume Corp [11-1] set for 11/30/98, motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by Relume Corp [10-1] set for 11/30/98 (cc) (Entered: 11/05/1998)
11/05/1998	21	EMERGENCY MOTION by defendant Dialight Corp for a revised briefing schedule on plaintiff's/counter-defendant's motion for a preliminary injunction with brief, notice of hearing and proof of mailing (lg) (Entered: 11/06/1998)
11/05/1998	22	ORDER by Judge John Feikens with stipulation setting a deadline for answer to amended complaint [5-1] to 11/2/98 (LS) (Entered: 11/09/1998)
11/06/1998	23	PROOF of mailing by defendant Precision Solar of pleading 22. (LS) (Entered: 11/09/1998)
11/09/1998	24	ORDER by Judge John Feikens setting a scheduling conference for 2:00pm on 12/8/98 with proof of mailing (LS) (Entered: 11/10/1998)
11/16/1998	25	MEMORANDUM by defendant Ecolux Inc in support of its response to motion for a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V VI by Relume Corp [10-1] with attachments A-E and proof of mailing (LS) (Entered: 11/18/1998)
11/19/1998	26	CIVIL sealed matter by Judge John Feikens (appendix of exhibits) (dh) (Entered: 11/20/1998)
11/19/1998	27	ANSWER by counter-defendant Relume Corp to counter claim by Dialight Corp [19-1] with jury demand and proof of mailing (dh) (Entered: 11/23/1998)
11/19/1998	28	ANSWER by counter-defendant Relume Corp to counter claim by Precision Solar [18-1]; jury demand and proof of mailing (dh) (Entered: 11/23/1998)
11/19/1998	29	ANSWER by plaintiff Relume Corp to counter claim by Lumileds Lighting [16-1]; jury demand, proof of mailing (dh) (Entered: 11/24/1998)
11/19/1998	30	ANSWER by plaintiff Relume Corp to counter claim by Hewlett Packard Co [15-1]; jury demand, proof of mailing (dh) (Entered: 11/24/1998)
11/19/1998	31	ANSWER by plaintiff Relume Corp to counter claim by Philips Lighting BV [17-1]; jury demand, proof of mailing (dh) (Entered: 11/24/1998)
12/02/1998	32	REPLY by Relume Corp to response and in support of motion for preliminary injunction by Relume Corp [11-1] with proof of mailing (LS) (Entered: 12/04/1998)
12/02/1998	33	REPLY by Relume Corp to response and in support of motion for a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V VI by Relume Corp [10-1] with proof of mailing (LS) (Entered: 12/04/1998)
12/02/1998	34	APPENDIX by Relume Corp to reply brief in support of its motion for preliminary injunction by Relume Corp [32-1] (LS) (Entered: 12/04/1998)
12/07/1998	35	NOITICE of addendum by plaintiff Relume Corp to preliminary injunction exhibits by Relume Corp [34-1] (dh) (Entered: 12/08/1998)
12/08/1998	--	SCHEDULING conference not held - Judge John Feikens (cc) (Entered: 12/09/1998)
12/08/1998	--	SCHEDULE: by Judge John Feikens scheduling conference set for 2:00 1/4/99 (cc) (Entered: 12/09/1998)
12/08/1998	--	MOTION hearing held on motion a rule 12(c) motion to dismiss Ecolux's counterclaim, Counts I, II, V and VI by

		Relume Corp [10-1] - disposition: HELD IN ABEYANCE - Judge John Feikens - Court Reporter: Mary Vozniak (cc) (Entered: 12/09/1998)
12/08/1998	--	MOTION hearing held on motion for preliminary injunction by Relume Corp [11-1] - disposition: HELD IN ABEYANCE - Judge John Feikens - Court Reporter: Mary Vozniak (cc) (Entered: 12/09/1998)
12/11/1998	36	SUMMONS returned executed by Hague service on 10/20/98 - answer due 12/19/98 for Lumileds Lighting (kg) (Entered: 12/14/1998)
12/16/1998	37	TRANSCRIPT taken on 12/08/98 of motion for preliminary injuction; rule 12(c) motion to dismiss (dh) (Entered: 12/17/1998)
01/04/1999	38	REPORT (joint) by the parties in this case with proof of service via facsimile and first class mail. (cf) (Entered: 01/05/1999)
01/04/1999	--	SCHEDULING conference held - Judge John Feikens (cc) (Entered: 01/06/1999)
01/06/1999	39	ORDER (scheduling) by Judge John Feikens, setting deadline for filing dispositive motions for 1/29/99 , setting deadline for filing response to dispositive motions for 2/12/99 , and setting deadline for discovery for 4/25/99 with proof of mailing. (cf) (Entered: 01/07/1999)
01/06/1999	40	STATEMENT by Relume Corp in support of its expert Peter Hochstein having access to defendants' technical documentation relating to presently manufactured products with exhibits and certificate of service via facsimile and first class mail. (cf) (Entered: 01/07/1999)
01/06/1999	41	SUBMISSION by defendant Dailight Corporation of proposed protective order with brief, proposed protective order and proof of mailing. (cf) (Entered: 01/07/1999)
01/06/1999	42	MEMORANDUM by Precision Solar Controls Inc. regarding the proposed protective order with exhibits. (cf) (Entered: 01/07/1999)
01/07/1999	43	SUBMISSION of proposed protective order by defendant Ecolux Inc with attachments (dh) (Entered: 01/07/1999)
01/07/1999	44	MEMORANDUM by defendants Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co in support of motion for a protective order (no motion on docket), with attachment A, proof of mailing (dh) (Entered: 01/07/1999)
01/07/1999	45	PROOF of mailing of memorandum regarding the proposed protective order. (cf) (Entered: 01/08/1999)
01/12/1999	46	PROOF of mailing by Precision Solar of first request for documents and things to Relume Corp. (LS) (Entered: 01/14/1999)
01/14/1999	47	PROOF of mailing by defendant Precision Solar for first set of interrogatories (cm) (Entered: 01/15/1999)
01/19/1999	48	TRANSCRIPT taken on 1/4/99 of hearing (kg) (Entered: 01/20/1999)
01/29/1999	49	NOTICE by Relume Corp of supplemental authority in support of Relume's Rule 12(c) motion to dismiss Ecolux's counterclaims I, II, V and VI with proof of service and attachment (dp) (Entered: 02/02/1999)
02/03/1999	50	PROTECTIVE order by Judge John Feikens regarding confidential information (LS) (Entered: 02/04/1999)
02/05/1999	51	MOTION and brief in opposition by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co to additional patent claims asserted by Relume with proof of mailing (LS) (Entered: 02/08/1999)
02/05/1999	52	MOTION by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co for summary judgment of invalidity with brief and notice of hearing (LS) (Entered: 02/08/1999)
02/05/1999	53	DECLARATION of Dr. Robert w. Erickson, PH.D in support of motion for summary judgmetn of invalidity. (LS) (Entered: 02/08/1999)
02/05/1999	54	PROOF of mailing by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co of pleadings 52 and 53. (LS) (Entered: 02/08/1999)
02/09/1999	55	MOTION by plaintiff Relume Corp for telephonic status hearing with attachments and proof of mailing (LS) (Entered: 02/10/1999)
02/09/1999	56	RESPONSE by plaintiff Relume Corp to the Lumileds defendants "motion in opposition" and "objections" with proof of mailing (LS) (Entered: 02/10/1999)
02/17/1999	57	RESPONSE by Relume Corp in opposition to motion for summary judgment of invalidity by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [52-1] with exhibits and certificate of service via facsimile and first class mail. (cf) (Entered: 02/18/1999)
02/19/1999	58	RESPONSE by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co to motion for telephonic status hearing by Relume Corp [55-1] with proof of mailing (lg) (Entered: 02/22/1999)
02/26/1999	59	NOTICE setting hearing on motion for summary judgment of invalidity by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [52-1] for 2:00 3/18/99 before Judge Feikens. (cf) (Entered: 03/01/1999)
03/05/1999	--	SCHEDULE: by Judge John Feikens setting hearing on motion for summary judgment of invalidity by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [52-1] for 9:00 3/22/99 (cc) (Entered: 03/05/1999)
03/22/1999	--	MOTION hearing held on motion for summary judgment of invalidity by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co [52-1] - disposition: Taken under advisement - Judge John Feikens - Court Reporter: Barbara Chatman (lt) (Entered: 03/22/1999)

03/23/1999	60	PRETRIAL scheduling order by Judge John Feikens - setting deadline for defendants to file dispositive motion for 4/5/99, plaintiff to file response by 04/22/99, defendants to file reply to response by 05/03/99, hearing on defendants motion set for 05/24/99 at 9:00 with proof of mailing (dh) Modified on 03/25/1999 (Entered: 03/25/1999)
03/25/1999	61	BRIEF by defendant Dialight Corp regarding th timing of the defendants' waiver of privilege in their opinions, with proof of mailing (kg) (Entered: 03/26/1999)
03/25/1999	62	PROOF of mailing of subpoena on Harold Milton, with proof of mailing (kg) (Entered: 03/26/1999)
03/26/1999	63	NOTICE by defendant Precision Solar of taking deposition duces tecum of the custodian of the records of Carrier & Gable on 04/09/99 at 10:00 am with exhibit A (dh) (Entered: 03/30/1999)
03/26/1999	64	NOTICE by defendant Precision Solar of taking deposition of Carrier & Gable, through one or more of its officers, directors, or managing agents, or other person(s) who consent to testify on its behalf set for 04/13/99 at 10:30am with exhibit A (dh) (Entered: 03/30/1999)
03/26/1999	65	PROOF of mailing by defendant Precision Solar of pleadings 63,64 (dh) (Entered: 03/30/1999)
04/01/1999	66	NOTICE by Precision Solar of taking deposition of McCain Traffic Supply pursuant to Fed.R.Civ.P. Rule 30(b)(6) 4/15/99 at 10:30 a.m. with exhibits. (cf) (Entered: 04/02/1999)
04/01/1999	67	NOTICE by Precision Solar of taking deposition duces tecum of Custodian of the Records of McCain Traffic Supply 4/12/99 at 10:00 a.m. with exhibits. (cf) (Entered: 04/02/1999)
04/01/1999	68	NOTICE by Precision Solar of taking deposition of Joe Lipari 4/12/99 at 9:00 a.m. . (cf) (Entered: 04/02/1999)
04/01/1999	69	NOTICE by Precision Solar of taking deposition of Donald Cherry 4/12/99 at 3:00 p.m. . (cf) (Entered: 04/02/1999)
04/01/1999	70	NOTICE by Precision Solar of taking deposition of Norm Akin 4/12/99 at 1:00 p.m. . (cf) (Entered: 04/02/1999)
04/01/1999	71	PROOF of service of notices of taking depositions of Donald Cherry, etc. via facsimile and U.S. mail. (cf) (Entered: 04/02/1999)
04/01/1999	72	PROOF of service of notices of taking depositions duces tecum of McCain Traffic Supply, etc. via facsimile and U.S. mail. (cf) (Entered: 04/02/1999)
04/05/1999	75	ORDER by Judge John Feikens, setting deadline for opening papers with regard to the motion for summary judgment on issues of validity for 4/6/99, Relume's opposition papers for 4/23/99 and defendants' reply brief for 5/7/99 ; setting deadline for opening papers on motions for summary judgment on infringement for 4/23/99, Relume's opposition papers for 5/7/99 and defendants' reply briefs for 5/17/99 , and setting date for oral argument on dispositive motions for 5/24/99 [52-1] (cm) Modified on 04/08/1999 (Entered: 04/08/1999)
04/05/1999	75	ORDER by Judge John Feikens, setting hearing on dispositive motions [52-1] for 5/24/99 (cm) (Entered: 04/08/1999)
04/06/1999	73	MEMORANDUM by defendant's Philips Lighting BV, Lumileds Lighting, and Hewlett Packard Co in support of motion for summary judgment of invalidity for obviousness [52-1] with exhibits 1-15 and proof of mailing1 (nh) (Entered: 04/07/1999)
04/07/1999	74	PROOF of mailing of a true copy of the agreed order regarding the schedule of filing briefs on motions for summary judgment on validity and infringement (nh) (Entered: 04/08/1999)
04/08/1999	76	RE-NOTICE by defendant Precision Solar of taking deposition of Joe Lipari, Marbelite Co. on 4/13/99 at 1:00 pm with proof of mailing (nh) (Entered: 04/09/1999)
04/13/1999	77	MEMORANDUM by Relume Corp in support of requiring defendants to make an immediate election of whether to rely on advice of counsel as a defense to Relume's charge of willful infringement with exhibits and proof of mailing. (cf) (Entered: 04/14/1999)
04/14/1999	78	SUBPOENA returned executed by process server on (no date entered) as to Carrier & Gable (lg) (Entered: 04/15/1999)
04/14/1999	79	SUBPOENA returned executed by process server on 3/26/99 as to Carrier & Gable (lg) (Entered: 04/15/1999)
04/20/1999	80	ANSWER by Dialight Corp in opposition to memorandum in support by Relume Corp [77-1] with proof of mailing (dp) (Entered: 04/21/1999)
04/20/1999	81	MOTION by plaintiff Relume Corp for protective order to enjoin defendant Lumileds from conducting discovery after the close of discovery with attachment A and proof of mailing (dp) (Entered: 04/21/1999)
04/20/1999	82	MOTION by Precision Solar to defer discovery and trial on willful infringement issues with brief, exhibits A-M, notice of hearing and proof of mailing (dp) (Entered: 04/21/1999)
04/20/1999	--	MOTION hearing held on motion for protective order to enjoin defendant Lumileds from conducting discovery after the close of discovery by Relume Corp [81-1] - disposition: GRANTED - Judge John Feikens - this motion was discussed with counsel by telephone - Deft. Lumileds is not permitted to subpoena for documents and testimony from a non-party to this litigation - a corp. by the name of Power Integration, Inc. (cc) (Entered: 04/23/1999)
04/22/1999	83	AGREED order by Judge John Feikens setting deadline for filing motions for summary judgment on issues of infringement for 4/26/99 , setting deadline for Relume's opposition papers for 05/10/99 , setting deadline for

		defendant's reply for 05/20/99 , setting hearing on dispositive motions for 05/24/99 and setting date for submission of expert report for 4/28/99 ; with proof of mailing (dp) (Entered: 04/23/1999)
04/23/1999	84	PROOF of mailing of agreed order regarding the schedule of filing briefs on motions for summary judgment (kg) (Entered: 04/26/1999)
04/26/1999	85	MOTION by Dialight Corp for partial summary judgment of noninfringement of US Patent #5,783,909 with brief, attachments and proof of mailing (kg) (Entered: 04/27/1999)
04/26/1999	86	MOTION by Dialight Corp for summary judgment of noninfringement of US Patent #5,661,645 with brief, exhibits and proof of mailing (kg) (Entered: 04/27/1999)
04/26/1999	87	FOURTH DECLARATION of Dr. Robert W. Erickson (filed under seal and placed in vault) (kg) (Entered: 04/27/1999)
04/26/1999	88	MOTION by Precision Solar for summary judgment of noninfringement of US Patent #5,661,645 with notice of hearing and proof of mailing (brief was docketed separately, filed under seal and placed in vault) (kg) (Entered: 04/27/1999)
04/26/1999	89	BRIEF by defendant Precision Solar in support of motion for summary judgment of noninfringement of US Patent #5,661,645 [88-1] (filed under seal and placed in vault) (kg) (Entered: 04/27/1999)
04/26/1999	90	MEMORANDUM by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co in support of motion for summary judgment of invalidity [52-1] (filed under seal and placed in vault) (kg) (Entered: 04/27/1999)
04/26/1999	91	MEMORANDUM by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co in opposition to memorandum in support by Relume Corp [77-1] with exhibit and proof of mailing (kg) (Entered: 04/27/1999)
04/26/1999	97	MEMORANDUM by Philips Lighting BV, Lumileds Lighting and Hewlett Packard Co in support of motion for summary judgment of invalidity [52-1] (filed under seal and placed in vault) (kg) (Entered: 04/29/1999)
04/27/1999	92	NOTICE by defendant Precision Solar of submission of original second declaration of Bradford J. Perry in support of defendant/counter-plaintiff Precision Solar Control's motion for summary judgment of non-infringement of U.S. Patent No. 5,662,645 with proof of mailing (dp) (Entered: 04/28/1999)
04/27/1999	93	ORIGINAL second declaration by Precision Solar of Bradford J. Perry in support of defendant/counter-plaintiff Precision Solar Control's motion for summary judgment of non-infringement of U.S. Patent No. 5,661,645 (FILED UNDER SEAL) (dp) (Entered: 04/28/1999)
04/27/1999	94	RESPONSE by plaintiff Relume Corp in opposition to motion for summary judgment of invalidity for obviousness by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co [52-1] and proof by facsimile, hand delivery and first class mail (cm) Modified on 04/28/1999 (Entered: 04/28/1999)
04/27/1999	95	EXHIBITS 1-37 filed by plaintiff Relume Corp in support of opposition to the motion for summary judgment of invalidity for obviousness of Lumileds Lighting BV, Philips Lighting BV and the Hewlett-Packard Company (cm) Modified on 04/28/1999 (Entered: 04/28/1999)
04/27/1999	96	EXHIBITS (3, 9-17, 22, 24-27, 29-33, 35-37 filed under seal and placed in vault) filed by plaintiff Relume Corp in support of opposition to the motion for summary judgment of invalidity for obviousness of Lumileds Lighting BV, Philips Lighting BV and the Hewlett-Packard Co (unsealed 9/17/02) (cm) Modified on 09/19/2002 (Entered: 04/28/1999)
04/28/1999	98	FOURTH DECLARATION of Dr. Robert W. Erickson (filed under seal and placed in vault) (kg) (Entered: 04/29/1999)
04/28/1999	99	MEMORANDUM by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co in support of motion to additional patent claims asserted by Relume [51-1] (filed under seal and placed in vault) (kg) (Entered: 04/29/1999)
04/28/1999	100	MOTION by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co for summary judgment of non-infringement of Relume's'645 patent and '909 patent with notice of hearing and proof of mailing (kg) (Entered: 04/29/1999)
04/29/1999	101	PROOF of mailing of expert report of Allyn D. Strickland (kg) (Entered: 04/30/1999)
04/29/1999	102	PROOF of mailing of expert report of Alex J. Severinsky (kg) (Entered: 04/30/1999)
04/30/1999	103	MOTION by Ecolux Inc for summary judgment of non-infringement with brief. (Brief filed under seal and placed in the vault.) (cf) (Entered: 05/03/1999)
05/05/1999	104	SUPPLEMENTAL brief by Precision Solar in support of motion for summary judgment of noninfringement of US Patent #5,661,645 by Precision Solar [88-1] with proof of service via U.S. mail and Federal Express. (Note: Filed under seal and placed in the vault.) (cf) (Entered: 05/06/1999)
05/05/1999	105	MOTION by Precision Solar to compel discovery with notice of hearing (date and time not included) and proof of mailing. (brief ?) (Note: Filed under seal and placed in the vault.) (cf) (Entered: 05/06/1999)
05/05/1999	106	JOINT motion by Philips Lighting BV, Lumileds Lighting, Precision Solar, Ecolux Inc, Dialight Corp, Relume Corp, Hewlett Packard Co to extend the time for the taking of expert depositions with brief and proof of mailing. (cf) (Entered: 05/06/1999)
05/06/1999	107	ORDER by Judge John Feikens with stipulation granting defendant Precision Solar Controls, Inc. leave to file supplemental brief in support of its motion for summary judgment of non-infringement of U.S. Patent No. 5,661,645. (cf) (Entered: 05/07/1999)

05/07/1999	108	CIVIL sealed matter - motion for summary judgment of non-infringment on the issues of inducement and contributory infringement with brief, declarations and proof of mailiny by Hewlett-Packard Co (lg) (Entered: 05/10/1999)
05/10/1999	109	REPLY brief by defendant's Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co to response to motion for summary judgment of invalidity by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co [52-1] with proof of mailing (dh) Modified on 05/11/1999 (Entered: 05/11/1999)
05/10/1999	110	SUPPLEMENTAL THIRD DECLARATION of Dr. Robert W. Erickson, PH.D (sealed in vault) (dh) (Entered: 05/11/1999)
05/10/1999	111	PROOF of mailing of stipulated order granting defendant Precision Solar Controls, Inc leave to file supplemental brief in support of motion for summary judgment of non-infringement of U.S. Patent No. 5,6661.0645 and proof of mailing (dh) (Entered: 05/11/1999)
05/11/1999	112	RESPONSE by Relume Corp to motion for summary judgment of non-infringement by Ecolux Inc [103-1], motion for summary judgment of non-infringement of Relume's'645 patent and '909 patent by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [100-1], motion for summary judgment of noninfringement of US Patent #5,661,645 by Precision Solar [88-1], motion for summary judgment of noninfringement of US Patent #5,661,645 by Dialight Corp [86-1], motion for partial summary judgment of noninfringement of US Patent #5,783,909 by Dialight Corp [85-1] FILED UNDER SEAL AND PLACED IN VAULT (unsealed 9/17/02) (kg) Modified on 09/19/2002 (Entered: 05/12/1999)
05/14/1999	113	ORDER by Judge John Feikens granting motion to extend the time for the taking of expert depositions [106-1]; with proof of mailing (dp) Modified on 05/17/1999 (Entered: 05/17/1999)
05/14/1999	113	ORDER by Judge John Feikens setting deadline for all expert depositions to be taken by 06/30/99 (dp) Modified on 05/17/1999 (Entered: 05/17/1999)
05/17/1999	114	RESPONSE in opposition by plaintiff Relume Corp to motion for summary judgment of non-infringement on the issues of inducement and contributory infringement of invalidity by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co [52-1] (filed under seal) (unsealed 9/17/02) (nh) Modified on 09/19/2002 (Entered: 05/18/1999)
05/18/1999	115	REPLY in opposition by defendant Dialight Corp to response to motion for summary judgment of noninfringement of US Patent #5,661,645 by Dialight Corp [86-1], and motion for partial summary judgment of noninfringement of US Patent #5,783,909 by Dialight Corp [85-1] with exhibits A-F and proof of mailing (nh) Modified on 05/19/1999 (Entered: 05/19/1999)
05/18/1999	116	REPLY brief by defendant's Lumileds Lighting, and Hewlett Packard Co in support of motion for summary judgment of non-infringement of Relume's'645 patent and '909 patent [100-1] (filed under seal - placed in vault) (nh) (Entered: 05/19/1999)
05/20/1999	117	PROOF of mailing by defendant Precision Solar of reply of Precision Solar Controls, Inc. in support of its motin for summary judgment of non-infringement of U.S. patent no. 5,661,645 (nh) (Entered: 05/21/1999)
05/20/1999	117	REPLY brief by defendant Precision Solar to response to motion for summary judgment of noninfringement of US Patent #5,661,645 by Precision Solar [88-1] (filed under seal) (nh) Modified on 05/21/1999 (Entered: 05/21/1999)
05/20/1999	118	PROOF of mailing by defendant Precision Solar of item 117 (nh) (Entered: 05/21/1999)
05/20/1999	119	EXHIBITS (summary judgment hearing demonstrative exhibits) filed by plaintiff/counter-defendant Relume Corp (filed under seal) (unsealed 9/17/02) (nh) Modified on 09/19/2002 (Entered: 05/21/1999)
05/20/1999	120	REPLY by defendant/counter-claimant Ecolux Inc to response to motion for summary judgment of non-infringement by Ecolux Inc [103-1] (filed under seal) (nh) (Entered: 05/21/1999)
05/24/1999	--	MOTION hearing held on motion for summary judgment of non-infringement by Ecolux Inc [103-1], motion for summary judgment of non-infringement of Relume's'645 patent and '909 patent by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [100-1], motion for summary judgment of noninfringement of US Patent #5,661,645 by Precision Solar [88-1], motion for summary judgment of noninfringement of US Patent #5,661,645 by Dialight Corp [86-1], motion for partial summary judgment of noninfringement of US Patent #5,783,909 by Dialight Corp [85-1] - disposition: UNDER ADVISEMENT - Judge John Feikens - Court Reporter: ECR: MARY VOZNIAK (mv) (Entered: 05/26/1999)
06/14/1999	121	PROOF of mailing by defendant Precision Solar of supplemental response to Relume's request for production of documents no. 31 (cm) (Entered: 06/15/1999)
06/28/1999	122	ORDER by Judge John Feikens with stipulation to postpone the taking of expert depositions until after court's ruling on defendant's motions for summary judgment and for partial summary judgment [EOD Date: 6/29/99] (cm) (Entered: 06/29/1999)
07/01/1999	123	ORDER by Judge John Feikens with stipulation, permitting amending of counter claim [18-1], affirmative defenses [18-1], and answer by Precision Solar [18-1] [EOD Date: 7/2/99] (cm) (Entered: 07/02/1999)
07/02/1999	124	PROOF of mailing by Precision Solar of supplemental responses to Relume's request for admissions No.2 and supplemental responses to first and second sets of interrogatoreis (LS) (Entered: 07/06/1999)
07/06/1999	125	PROOF of mailing by defendant Precision Solar of stipulated order prermitting def to amend its answer, affirmative defenses and counterclaim and proof of mailing (dh) (Entered: 07/08/1999)

07/06/1999	126	AMENDED ANSWER by defendant Precision Solar to amended complaint by Relume Corp [5-1], jury demand, affirmative defenses, proof of mailing (answer to amended complaint not on docket) (dh) (Entered: 07/08/1999)
07/06/1999	126	COUNTERCLAIM by defendant Precision Solar against plaintiff Relume Corp, jury demand, proof of mailing (dh) (Entered: 07/08/1999)
07/21/1999	127	ANSWER by counter-defendant Relume Corp to counter claim by Precision Solar [126-1]; jury demand and proof of mailing (LS) (Entered: 07/22/1999)
08/16/1999	128	MOTION by plaintiff Relume Corp to stay proceedings pending resolution of patent office reissue with brief, attachments and proof of mailing (lg) (Entered: 08/17/1999)
08/26/1999	129	ORDER by Judge John Feikens denying motion to stay proceedings pending resolution of patent office reissue by Relume Corp [128-1] with proof of mailing [EOD Date 8/27/99] (nh) (Entered: 08/27/1999)
08/26/1999	130	OPINION and order by Judge John Feikens [EOD Date: 8/27/99] granting in part and denying in part motion for summary judgment of non-infringement by Ecolux Inc [103-1], granting motion for summary judgment of non-infringement of Relume's'645 patent and '909 patent by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [100-1], granting motion for summary judgment of noninfringement of US Patent #5,661,645 by Precision Solar [88-1], granting motion for summary judgment of noninfringement of US Patent #5,661,645 by Dialight Corp [86-1], granting motion for partial summary judgment of noninfringement of US Patent #5,783,909 by Dialight Corp [85-1], granting in part and denying in part motion for summary judgment of invalidity by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co [52-1] with proof of mailing (see order for details) (nh) (Entered: 08/27/1999)
09/09/1999	131	MOTION by defendant Dialight Corp for attorney fees and related non-taxable expenses with brief (cm) (Entered: 09/10/1999)
09/09/1999	143	BILL of costs by Dialight Corp in the amount of $29,186.80, with attachments. (ep) (Entered: 11/05/1999)
09/15/1999	--	REQUEST by defendant Dialight Corp for status conference with proof of mailing (cm) (Entered: 09/16/1999)
09/15/1999	132	REQUEST by defendant Dialight Corp for status conference with proof of mailing (cm) (Entered: 09/16/1999)
09/21/1999	133	JOINT REQUEST by defendants for status conference regarding order [130-1] (cm) (Entered: 09/22/1999)
09/22/1999	134	PROOF of mailing of defedant's joint request for status conference (nh) (Entered: 09/23/1999)
09/24/1999	135	STATUS statement by Relume Corp; with proof of mailing [EOD Date: 9/27/99] (dp) (Entered: 09/27/1999)
09/28/1999	136	NOTICE by the court of setting civil status conference for 9:00 10/12/99 with proof of mailing (cm) (Entered: 09/29/1999)
09/29/1999	137	ORDER by Judge John Feikens with stipulation, regarding Relume's response to Dialight's petition for an exceptional case finding and for attorney fees [131-1] [EOD Date: 9/30/99] (cm) (Entered: 09/30/1999)
10/04/1999	138	NOTICE by Judge John Feikens' chambers rescheduling civil status conference for 3:30 on 10/12/99 ; with proof of mailing (dp) (Entered: 10/05/1999)
10/05/1999	139	PROOF of mailing by Alonna wilson of stipulated order regarding Relume's response to Dialight's petition for exceptional case finding and attorney fees (LS) (Entered: 10/06/1999)
10/12/1999	--	STATUS conference held - Judge John Feikens (cc) (Entered: 10/13/1999)
10/28/1999	140	NOTICE by court regarding further settlement conference (kg) (Entered: 10/29/1999)
10/28/1999	141	JUDGMENT entered by Judge John Feikens for Philips Lighting BV, Lumileds Lighting, Precision Solar, Ecolux Dialight Corp, Hewlett Packard Co against Relume Corp [EOD Date: 10/29/99] with proof of mailing (kg) (Entered: 10/29/1999)
10/29/1999	142	PROOF of mailing of judgment (lg) (Entered: 11/02/1999)
11/04/1999	144	NOTICE of setting settlement conference for 10:00 am on 11/19/99 (lg) (Entered: 11/05/1999)
11/19/1999	--	SETTLEMENT conference held - Judge John Feikens (cc) (Entered: 11/24/1999)
11/22/1999	145	EXPARTE motion by plaintiff Relume Corp to extend time to to file an appeal with brief, attachment 1 (dh) (Entered: 11/23/1999)
11/23/1999	146	ORDER by Judge John Feikens granting motion to extend time to file an appeal by Relume Corp [145-1] with proof of mailing [EOD Date 11/24/99] (nh) (Entered: 11/24/1999)
11/23/1999	148	NOTICE by Judge Feikens of setting deadline for briefs on the issue of the Opinion and Order as a condition of settlement for 4/23/99 with proof of mailing (nh) (Entered: 11/30/1999)
11/29/1999	147	PROOF of mailing by plaintiff Relume Corp of order on the ex-parte motion for extension of time to file notice of appeal (LS) (Entered: 11/30/1999)
12/03/1999	149	BREIF by Dialight Corp regarding August 26, 1999 opinion and order [130-1] with proof of mailing (lg) (Entered: 12/06/1999)
12/03/1999	150	BRIEF by plaintiff Relume Corp in support of Vacatur with attachments and proof of mailing (lg) (Entered: 12/06/1999)
12/03/1999	151	BRIEF by Lumileds Lighting on the issue of vacatur of the Court's opinion and order as a condition of

		settlement with proof of mailing [130-1] (lg) Modified on 12/06/1999 (Entered: 12/06/1999)
12/03/1999	152	PROOF of mailing of brief ofPrecision Solar Contorls, Inc. on Vacatur of the August 26, 1999 opinion order (lg) (Entered: 12/06/1999)
12/03/1999	153	BRIEF by Precision Solar Controls Inc., on vacatur of the August 26, 1999 opinion order (FILED UNDER SEAL) (dp) (Entered: 12/07/1999)
12/22/1999	154	REQUEST by defendants Philips Lighting BV, Lumileds Lighting and Hewlett Packard Co for lifting of the court's stay on determining exceptional case status and awarding attorney fees with exhibit 1 and proof of mailing (cm) (Entered: 12/23/1999)
12/23/1999	155	ORDER by Judge John Feikens with stipulation, dismissing defendant Precision Solar Controls Inc [EOD Date: 12/27/99] (LS) (Entered: 12/27/1999)
12/23/1999	156	ORDER by Judge John Feikens with stipulation, dismissing Ecolux, Inc [EOD Date: 12/27/99] (LS) (Entered: 12/27/1999)
12/23/1999	157	ORDER by Judge John Feikens with stipulation, dismissing Dialight Corp [EOD Date: 12/27/99] (LS) (Entered: 12/27/1999)
12/23/1999	158	SETTLEMENT agreement by Relume Corp, Precision Solar, Ecolux Inc, Dialight Corp [EOD Date: 12/27/99] (filed under seal and placed in vault) (LS) (Entered: 12/27/1999)
12/23/1999	161	APPEAL by plaintiff Relume Corp of orders [141-1] and [130-1] to the Federal Circuit - FEE: PAID - Receipt #: 391831 (do) (Entered: 01/03/2000)
12/27/1999	159	PROOF of mailing by Relume Corp of stipulated order of dismissal by Relum and Dialight, stipulated order of dismissal by Relume and Precisoin Solar and stipulated order of dismissal by Relume and Ecolux (dp) (Entered: 12/28/1999)
12/30/1999	160	MOTION by Relume Corp to seal request for lifting of the court's stay on determining exceptional case status and awarding attorney fees by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [154-1] with brief, exhibits, and proof of service via facsimile and first class mail. (cf) (Entered: 01/03/2000)
01/03/2000	162	PROOF of mailing of notice of appeal to the Federal Circuit and all counsel of record (do) (Entered: 01/03/2000)
01/03/2000	163	CERTIFIED copy of appeal notice by Relume Corp [161-1] and docket transmitted to Federal Circuit (do) (Entered: 01/03/2000)
01/03/2000	164	MOTION by Relume Corp to consider document as confidential with proof of mailing. (no brief) (cf) (Entered: 01/04/2000)
01/05/2000	165	MOTION by Relume Corp to reopen discovery for the limited purpose of determining the scope of the protective order violation by Lumileds, Hewlett-Packard and Philips Lighting with brief and certificate of service via facsimile and first class mail. (cf) (Entered: 01/06/2000)
01/06/2000	166	CROSS-APPEAL by defendants Philips Lighting BV, Lumileds Lighting and Hewlett Packard Co of orders [141-1] and [130-1] to Federal Circuit with proof of service - FEE: PAID - Receipt #: 29222 (do) (Entered: 01/12/2000)
01/12/2000	167	PROOF of mailing of notice of cross appeal to the Federal Circuit and all counsel of record (do) (Entered: 01/12/2000)
01/12/2000	168	CERTIFIED copy of appeal cross by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [166-1] and docket transmitted to FC (do) (Entered: 01/12/2000)
01/14/2000	169	RESPONSE by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co to motion to reopen discovery for the limited purpose of determining the scope of the protective order violation by Lumileds, Hewlett-Packard and Philips Lighting by Relume Corp [165-1], motion to seal request for lifting of the court's stay on determining exceptional case status and awarding attorney fees by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [154-1] by Relume Corp [160-1] with proof of mailing (dh) (Entered: 01/18/2000)
01/27/2000	170	OPPOSITION by plaintiff Relume Corp to request for lifting of the court's stay on determining exceptional case status and awarding attorney fees by Hewlett Packard Co, Lumileds Lighting, Philips Lighting BV [154-1] with proof of mailing (dh) (Entered: 01/31/2000)
02/02/2000	171	ACKNOWLEDGEMENT from Federal Circuit of notice of docketing (dh) (Entered: 02/03/2000)
02/07/2000	172	REPLY by defendants Philips Lighting BV, Lumileds Lighting and Hewlett Packard Co to response by Relume Corp [170-1]; with proof of mailing (dp) (Entered: 02/09/2000)
02/14/2000	173	ACKNOWLEDGEMENT from FC of receipt of notice of appeal & docket [168-1] - appeal case # 00-1180 (LS) (Entered: 02/14/2000)
07/27/2000	174	TRANSCRIPT taken on 5/24/99 of motion hearing (kg) (Entered: 07/28/2000)
02/15/2001	175	NOTICE by Federal Circuit sffirming decision of the District Court (kg) (Entered: 02/16/2001)
03/15/2001	176	CERTIFIED copy of order of judgment from USCA affirming the decision of the District Court appeal case# 00-1164, -1180 (nh) (Entered: 03/22/2001)
05/08/2001	177	NOTICE by the court of setting civil status conference for 2:00 6/12/01 with proof of mailing (cm) (Entered:

		05/09/2001)
05/15/2001	--	SCHEDULE: by Judge John Feikens setting civil status conference for 2:00 6/13/01 (counsel requested a one day adjournment) (cc) (Entered: 05/15/2001)
06/13/2001	--	STATUS conference held - Judge John Feikens - Special Master to be appointed; counsel to agree on form of order for the appointment. (cc) (Entered: 06/14/2001)
06/27/2001	178	ORDER by Judge John Feikens appointing special master. [EOD Date 6/28/01] (cf) (Entered: 06/28/2001)
07/17/2001	179	TRANSCRIPT taken on June 13, 2001 of status conference (cm) (Entered: 07/18/2001)
08/16/2001	180	MOTION and brief by Relume Corp to partially reopen the judgment under Rule 60(b)(6) with attachments and proof of mailing (kg) (Entered: 08/17/2001)
09/28/2001	181	RESPONSE by Hewlett Packard Co, Philips Lighting BV, Lumileds Lighting in opposition to motion to partially reopen the judgment under Rule 60(b)(6) by Relume Corp [180-1] with exhibits 1-22 (cm) (Entered: 10/01/2001)
09/28/2001	181	CROSS-MOTION by Hewlett Packard Co, Philips Lighting BV, Lumileds Lighting for attorney fees (cm) (Entered: 10/01/2001)
10/19/2001	182	REPLY by Relume Corp to response to motion to partially reopen the judgment under Rule 60(b)(6) by Relume Corp [180-1]; with attachments and proof of mailing (dp) (Entered: 10/22/2001)
10/19/2001	183	RESPONSE by Relume Corp to motion for attorney fees by Lumileds Lighting, Philips Lighting BV and Hewlett Packard Co [181-1]; with exhibit A and proof of mailing (dp) (Entered: 10/22/2001)
11/06/2001	184	REPLY by defendants Philips Lighting BV, Lumileds Lighting, and Hewlett Packard Co to response to motion for attorney fees by Lumileds Lighting, Philips Lighting BV, Hewlett Packard Co [181-1] with proof of mailing (nh) (Entered: 11/08/2001)
01/11/2002	185	REPORT and recommendation by Richard D. Grauer, Special Master, that motion for attorney fees by Hewlett Packard Co, Philips Lighting BV, Lumileds Lighting [181-1], and motion to partially reopen the judgment under Rule 60(b)(6) by Relume Corp [180-1] be denied; and LumiLeds' motion for an award of attorney fees and related expenses incurred in responding to the frivolous Rule 60(b)(6) motion be granted Date: 1/14/02] (cm) (Entered: 01/14/2002)
01/11/2002	186	TRANSCRIPT taken on November 26, 2001 (cm) (Entered: 01/14/2002)
01/28/2002	187	ORDER by Judge John Feikens, setting deadline for objections to the Special Master's report for 2/8/02, and objections to any responses due by 2/22/02 [EOD Date 1/29/02] (nh) (Entered: 01/29/2002)
02/08/2002	188	REQUEST by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co for reconsideration of report & recommendation [185-1] (kg) (Entered: 02/12/2002)
02/11/2002	189	OBJECTIONS by Relume Corp to report & recommendation [185-1] with brief, exhibits A-P and proof of mailing (kg) (Entered: 02/12/2002)
02/12/2002	190	PROOF of service by Philips Lighting BV, Lumileds Lighting, Hewlett Packard Co of [188-1] by mail (kg) (Entered: 02/13/2002)
02/20/2002	191	RESPONSE by Relume Corp to objections by Lumiled with proof of mailing (lg) (Entered: 02/21/2002)
02/25/2002	192	RESPONSE by Lumileds Lighting to objection by Relume Corp [189-1] with exhibits 1 and proof of mailing (jg) (Entered: 02/27/2002)
04/30/2002	193	ORDER by Judge John Feikens with stipulation dismissing the case with prejudice [EOD Date: 4/30/02] (at) (Entered: 04/30/2002)
09/17/2002	194	ORDER by Judge John Feikens, unsealing exhibits by Relume Corp, Relume Corp [119-1], motion response by Corp [114-1], motion response by Relume Corp [112-1], exhibits by Relume Corp [96-1] [EOD Date 9/19/02] (kg) (Entered: 09/19/2002)
02/05/2003	195	NOTICE of failure to comply with Local Rules 5.3 or 5.4 with proof of service as to Dennis J Levasseur (kb) Modified on 02/11/2003 (Entered: 02/11/2003)
02/05/2003	196	NOTICE of failure to comply with Local Rules 5.3 or 5.4 as to James R. Case (kb) (Entered: 02/11/2003)
02/05/2003	197	NOTICE of failure to comply with Local Rules 5.3 or 5.4 aso to Kevin J. Heinl (kb) (Entered: 02/11/2003)
03/07/2003	198	ORDER by Judge John Feikens, regarding sealed materials in compliance with LR 5.3/5.4 [EOD Date 3/10/03] (ew) (Entered: 03/10/2003)
03/10/2003	199	RE-NOTICE of failure to comply with Local Rules 5.3 or 5.4 as to Patterson, Belnap for Lumileds Lighting, BV (RH) (Entered: 03/14/2003)
04/04/2003	200	CERTIFICATE of receipt of sealed documents: response [191-1], memorandum in support [116-1], declaration [110-1], memorandum in support [99-1], declaration [98-1], memorandum in support [97-1], memorandum in support [90-1], memorandum in support [89-1] as to defendant Dialight Corp (RH) (Entered: 04/10/2003)
06/24/2004	201	ORDER regarding the return of sealed documents to the submitting party. Signed by Honorable John Feikens. (BSoc,) (Entered: 06/28/2004)

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673200 (08) 5661645 August 26, 1997

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August 26, 1997

Power supply for light emitting diode array

REEXAM-LITIGATE:

NOTICE OF LITIGATION

Relume Corp v. Airlight Corp, et al, Filed Jun. 9, 1998, D.C. E.D. Michigan, Doc. No. 98- 72360

REISSUE: February 23, 2001 - Reissue Application filed Ex. Gp.: 2838; Re. S.N. 09/792,467 (O.G. May 1, 2001)
August 24, 1999 - Reissue Application filed, Ex. Gp.: 2838; Re. S.N. 09/382,702 (O.G. October 19, 1999)
January 16, 2007 - Reissue Application filed Ex. Gp.: 2838; Re. S.N. 11/653,787 (O.G. March 20, 2007)

INVENTOR: Hochstein, Peter A. - 2966 River Valley Dr., Troy, Michigan, United States (US)

APPL-NO: 673200 (08)

FILED-DATE: June 27, 1996

GRANTED-DATE: August 26, 1997

ASSIGNEE-AFTER-ISSUE: May 6, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., RELUME 64 PARK STREETTROY, MICHIGAN, 48084, Reel and Frame Number: 009207/0239
April 12, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., RELUME 64 PARK STREETTROY, MICHIGAN, 48084, Reel and Frame Number: 009883/0234
March 20, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., PALFFY, JOHN 753 GRAND MARAISGROSSE POINT PARK, MICHIGAN, 48230, Reel and Frame Number: 012698/0783
August 9, 2005 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., RELUME CORPORATION 64 PARK STREET TROY MICHIGAN 48084, Reel and Frame Number: 016369/0924

LEGAL-REP: Howard & Howard

PUB-TYPE: August 26, 1997 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

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Unrestricted *Shepard's* Summary

No subsequent appellate history.

Citing References:

Warning Analyses: **Invalid,No Infring. (1)**

Neutral Analyses: Adjudicated (1)

PRIOR HISTORY (0 citing references) Hide Prior History

▸ **(CITATION YOU ENTERED):**
Patents 5661645, Patents 5661645

CITING DECISIONS (6 citing decisions)

6TH CIRCUIT - U.S. DISTRICT COURTS

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☐ 1. **Adjudicated by:**
Relume Corp. v. Dialight Corp., 63 F. Supp. 2d 788, 1999 U.S. Dist. LEXIS 13116 (E.D. Mich. 1999)

63 F. Supp. 2d 788 p.791

FEDERAL CIRCUIT - COURT OF APPEALS

☐ 2. **Invalid, Not Infringed in part at:**
Relume Corp. v. Dialight Corp., 4 Fed. Appx. 893, 2001 U.S. App. LEXIS 2045 (Fed. Cir. 2001)

4 Fed. Appx. 893 p.894

ADMINISTRATIVE AGENCY DECISIONS

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☐ 4. **Cited by:**

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1. Relume Corp. v. Dialight Corp., 00-1164, 00-1180, UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT, 4 Fed. Appx. 893; 2001 U.S. App. LEXIS 2045, February 8, 2001, Decided , RULES OF THE FEDERAL CIRCUIT COURT OF APPEALS MAY LIMIT CITATION TO UNPUBLISHED OPINIONS. PLEASE REFER TO THE RULES OF THE UNITED STATES COURT OF APPEALS FOR THIS CIRCUIT. , Rehearing Denied March 6, 2001, Reported at: 2001 U.S. App. LEXIS 4466.

 OVERVIEW: The court affirmed the lower court's holding that petitioner's patents were invalid.

 ... U.S. Patent No. **5,661,645** ("the '645 patent") ...

2. Relume Corp. v. Dialight Corp., Case No. 98-CV-72360, UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF MICHIGAN, SOUTHERN DIVISION, 63 F. Supp. 2d 788; 1999 U.S. Dist. LEXIS 13116, August 26, 1999, Decided , August 26, 1999, Filed

 OVERVIEW: Motion for summary judgment granted on noninfringement claims because limitations set forth in the patent claim were not found exactly in the accused products.

 CORE TERMS: power supply, array, voltage, patent's, output, invention, converter, switching, skill, specification's ...

 ... U.S. Patent No. **5,661,645** ("the '645 patent"). ...

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*4 Fed. Appx. 893, *; 2001 U.S. App. LEXIS 2045, **

RELUME CORPORATION, Plaintiff-Appellant, v. DIALIGHT CORPORATION, ECOLUX, INC., and PRECISION SOLAR CONTROLS, INC., Defendants, and LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, and HEWLETT-PACKARD COMPANY, Defendants-Cross Appellants.

00-1164, 00-1180

UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

4 Fed. Appx. 893; 2001 U.S. App. LEXIS 2045

February 8, 2001, Decided

NOTICE: [1]** RULES OF THE FEDERAL CIRCUIT COURT OF APPEALS MAY LIMIT CITATION TO UNPUBLISHED OPINIONS. PLEASE REFER TO THE RULES OF THE UNITED STATES COURT OF APPEALS FOR THIS CIRCUIT.

SUBSEQUENT HISTORY: Rehearing Denied March 6, 2001, Reported at: 2001 U.S. App. LEXIS 4466.

DISPOSITION: Affirmed.

CASE SUMMARY

PROCEDURAL POSTURE: Plaintiff appealed from the summary judgment of the United States District Court for the Eastern District of Michigan, holding that the defendants' accused products did not literally infringe the asserted claims of U.S. Patent No. **5,661,645** or U.S. Patent No. 5,783,909 both assigned to plaintiff, and holding that both patents were invalid.

OVERVIEW: Plaintiff raised several arguments on appeal: (1) whether the district court erred in its interpretation of certain limitations in the patents, (2) whether such errors in claim interpretation led to errors in the district court's analysis of the validity issues, (3) whether disputed issues of material fact preclude summary judgment on the validity issues, and (4) whether alleged errors in claim interpretation or the disputed issues of material fact undercut the district court's judgment of no literal infringement. The instant court agreed with the district court that all of the asserted claims of the patents were invalid, thus they did not reach the questions raised by petitioner as to the judgment of noninfringement.

OUTCOME: The court affirmed the district court's judgment that petitioner's patents were invalid.

JUDGES: Before CLEVENGER, SCHALL, and BRYSON, Circuit Judges.

OPINION BY: CLEVENGER

OPINION

[*894] CLEVENGER, *Circuit Judge.*

Relume Corporation ("Relume") appeals from the summary judgment of the United States District Court for the Eastern District of Michigan, holding that the defendants' accused products do not literally infringe the asserted claims of U.S. Patent No. **5,661,645** ("the '645 patent") or U.S. Patent No. 5,783,909 ("the '909 patent"), both assigned to Relume, and holding that both patents are invalid. *Relume Corp. v. Dialight Corp.*, 63 F. Supp. 2d 788, 802 (E.D. Mich. 1999). We *affirm*.

I

Relume raises several arguments on appeal: (1) whether the district court erred in its interpretation of certain limitations in the patents, (2) whether such errors in claim interpretation led to errors in the court's analysis of the validity issues, (3) whether disputed issues of material fact preclude summary judgment on the validity issues, and (4) whether alleged errors in claim interpretation **[**2]** or the disputed issues of material fact undercut the district court's judgment of no literal infringement.

II

We have fully reviewed the careful, extensive and well-crafted opinion of the district court. We have carefully examined the arguments presented by the parties in their briefs and have considered in full the arguments made by the parties at oral argument.

For the reasons stated in the opinion of the district court, we agree that all of the asserted claims of the '645 and '909 patents are invalid. Because we affirm the district court's judgment on the validity issues, we need not reach the questions raised by Relume as to the judgment of noninfringement.

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1. Intellectual Property Today, August, 1998, RFC EXPRESS TM; Recently Filed Patent Cases; Pg. 20, 1851 words
... CORP. ET AL **5,661,645** 98-921 -- Filed: ...

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98-72360 -- Filed: 980609
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